# Magellan TR7

## Trail and Street GPS Navigator

# User Manual

TR7/TN7771SGLUC

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Jeep Jamboree USA

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# Safety.



**IMPORTANT SAFETY WARNINGS**

The Magellan TR7 is an off-road vehicle navigation tool designed to assist you in driving on off-road routes as well as across municipal streets. Please check with your state or local law enforcement for applicable regulations regarding mounting to the windshield. The driver should enter data or program the Magellan device only when the vehicle is stopped. Only a vehicle passenger should enter data or program the device while the vehicle is moving. It is your responsibility to comply with all traffic laws. Every attempt is made to ensure that the database is accurate. However, roadways, points of interest (POIs), and business and service locations may change over time. Keep the device safe from extreme temperature conditions. For example, do not leave it exposed to direct sunlight for an extended period of time. The minimum operating temperature is 14°F (-10°C), and the maximum operating temperature is 140°F (60°C). Mount the device in your vehicle, whether using the windshield mount or other mount or accessories, so that the device does not obstruct the driver's view of the road, interfere with the operation of the vehicle's safety devices, such as airbags, or present a hazard to occupants of the vehicle should the device become dislodged while driving. Comply with all local, state, and federal laws before mounting the device in your vehicle. You assume the risks associated with damage to your vehicle or vehicle occupants as the result of your choices in mounting the device. The battery is rechargeable and should not be removed. Should the battery need to be replaced, please contact Magellan Technical Support at **877-255-4161**, or go to **trxsupport.magellangps.com**.

**Charging the Magellan eXplorist TR7**

An AC adapter and vehicle power adapter are included with your TR7. Use ONLY the car charger approved for/supplied with your TR7. Use of another type of car charger could result in fire or electric shock. For safety reasons, the battery in your TR7 will stop charging when the ambient temperature is less than 32°F (0°C) or more than 113°F (45°C). The TR7 requires approximately 4 hours of charging through the vehicle power adapter or AC adapter to obtain a full battery charge. Charge your TR7 battery initially for at least 2 hours. Estimated usage of the TR7 on battery power is approximately 1 hour. **Note:** Use a 3.5V-5V 2A charger should you need to replace your adapter.

**FCC RF Radiation Exposure Statement**

1. This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
2. This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

Wi-Fi 5G Band 1 is for indoor use only.

**Canada, Industry Canada (IC) Notices**

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

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## Magellan Take-Back Program

Magellan's Take-Back Program provides a way for customers to recycle certain Magellan equipment. This program accepts all Magellan GPS models. Visit **magellanGPS.com** for more information.

Magellan TR7

**Tested To Comply With FCC Standards**

**FOR HOME OR OFFICE USE**

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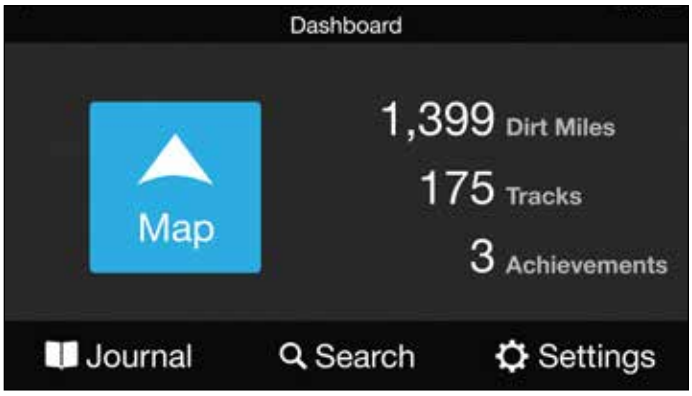
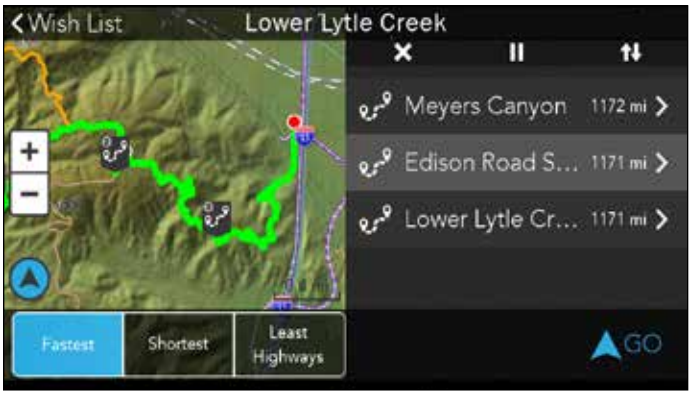
# TR7 Overview




The Magellan TR7 Trail and Street GPS Navigator is an off- and on-road navigation system purpose-built to navigate you seamlessly on trails, streets, highways, and everything in between.

The TR7 includes the largest database of off-road trails in the U.S., with over 100,000 preloaded OHV trails.

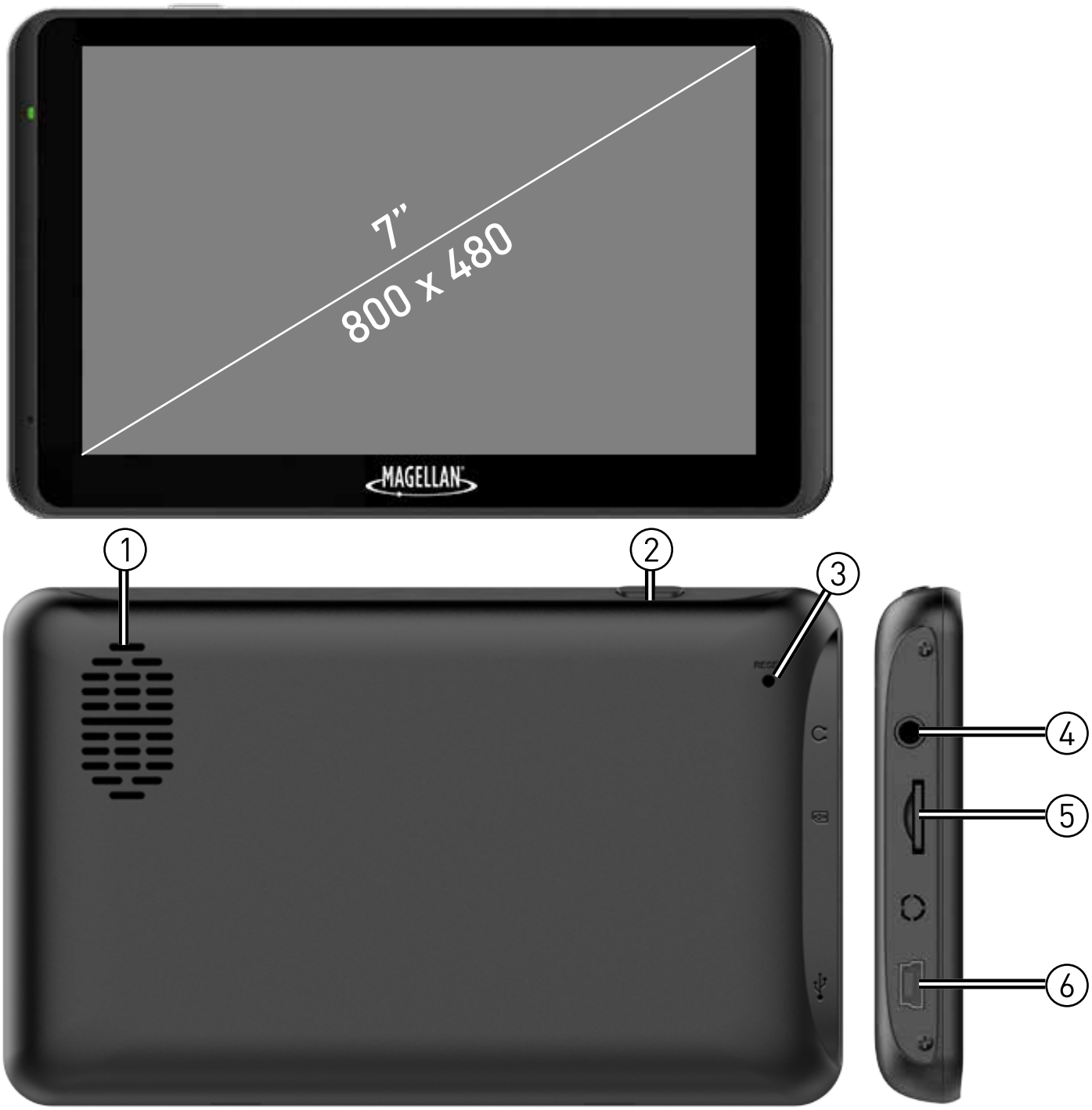
The TR7 gives you access to a growing database of user-generated tracks, allowing you and thousands of other off-roaders to upload custom tracks, waypoints, detailed terrain info, and up-to-date trail conditions for the TRX community to see.

The TR7 is interconnected with an ecosystem of TRX products, including:

- TRX Trailhead, an online planning and sharing tool at **www.TRXTrailhead.com**.
- TRX Support, a site for troubleshooting, technical support, and feedback at **trxsupport.magellangps.com**.
- TRX companion mobile apps for **iOS** and **Android**

# TR7 Hardware



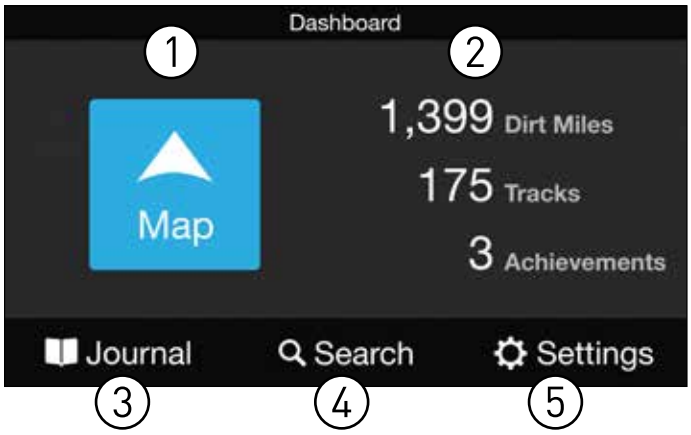



① **Speaker** ② **Power Button** ③ **Reset Button**

④ **AUX Out** ⑤ **microSD Slot** ⑥ **USB Power Input**[1]

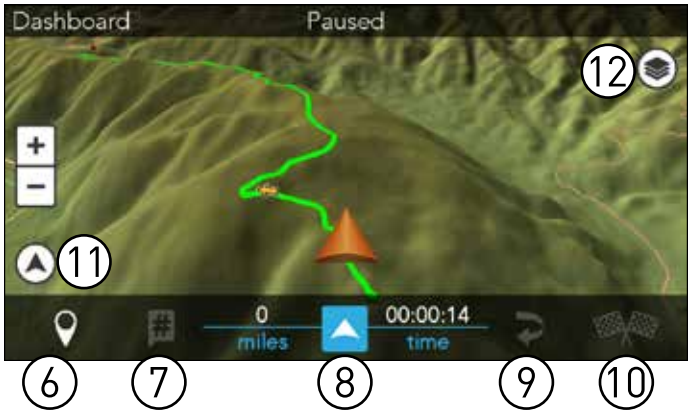
[1] Your device requires additional power to function at optimal levels. For best performance, use the included power adapters, which are specially rated for your device.

## Dashboard Screen




1. **Map**: Tap to open Map screen.
2. **Dirt Miles** traveled**, Tracks** recorded, and **Achievements** earned displayed here.
3. **Journal:** Contains track Log and Wish List of saved trails.
4. **Search:** Search for Trails, Tracks, POIs, etc.
5. **Settings:** Edit account, vehicle profiles, connectivity, etc.

## Map Screen




6. **Waypoint:** Mark Waypoints while driving or recording a Track.
7. **Social Post:** Share your adventures with a Tweet.
8. **Start/Pause:** Pause tracking or resume tracking.
9. **Backtrack:** Follow active Track back to starting point.
10. **Finish:** Save Track with details and commentary.
11. **Orientation:** Toggle View to North Up or Track Up.
12. **Map Options:**[1] View and modify map display settings.

## Account Creation & Registration.

**1. Select Language.**
Set your device language to **English** or **French** > tap **Next**.

**2. Read and Agree to End-User License Agreement (EULA).**
Read the EULA > tap **I agree** to continue or **I disagree** to delay setup.
**Note:** You cannot proceed with setup until you've read and agreed to the EULA.

**3. Connect to Wi-Fi.**
1. Tap on a Wi-Fi network from the list > enter your network password (if applicable) >
2. Tap **Connect**. Once your device is connected to Wi-Fi, tap **Next**.

Don't see your Wi-Fi network on the list? Tap **Refresh** until your device recognizes your network, or tap **Add Network** to configure Wi-Fi settings and add your network to the list.

EULA
Magellan End-User License Agreement
This End-User License Agreement (Agreement) is made by and between MiTAC Digital Corp. and its affiliates (Magellan) and the end-user of the Software (Customer). By clicking the acceptance button, installing, downloading or using the Software onto a computer, personal navigation device, cell phone or other product intended for use with the Software (iProducti), Customer agrees to be bound by all of the terms and conditions of this Agreement, including the use restrictions, warranty disclaimer and limitation of liability set forth below. If Customer does not agree to be bound by all of the terms and conditions of this Agreement, Customer must (i) immediately stop the installation, downloading and/or use of the Software and delete any Software downloaded from the web from its computer, as applicable, and (ii) where Software was acquired with Product, return the Software to the retailer who sold the Software.
1. Grant of License to Software.Magellan hereby grants to Customer a non-exclusive, personal and non-
I disagree
I agree

## Account Creation & Registration.

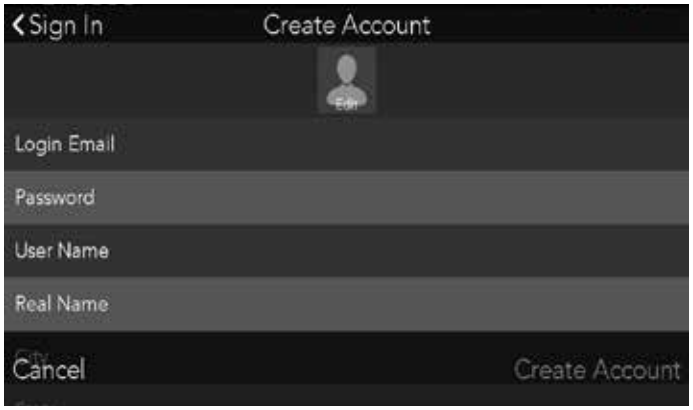
### 4. Create Your TRX Account and Register Your Device.

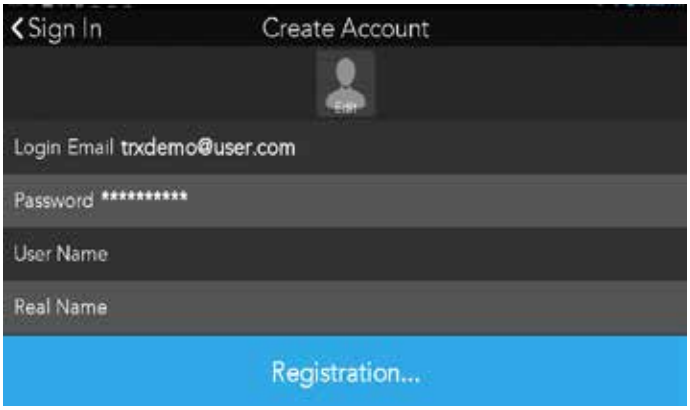
You must create a TRX account to save data to your device or sync with TRX Trailhead. Not having a TRX account can result in lost data.

**IMPORTANT**: If you already have a Magellan GPS email address and password, use those account credentials to create your TRX account.

1. When you reach the **Sign In** screen, enter an existing TRX account email address and password OR tap **Create Account** if you haven't yet created a TRX account.
2. Enter your account details. Use an existing **MagellanGPS.com** account if you have one.
3. Tap **Create Account** to finish creating your TRX account. Your device will also be registered to that account.

A **MagellanGPS.com** account will also be created if you're new to Magellan and you're registering an email address for the first time.



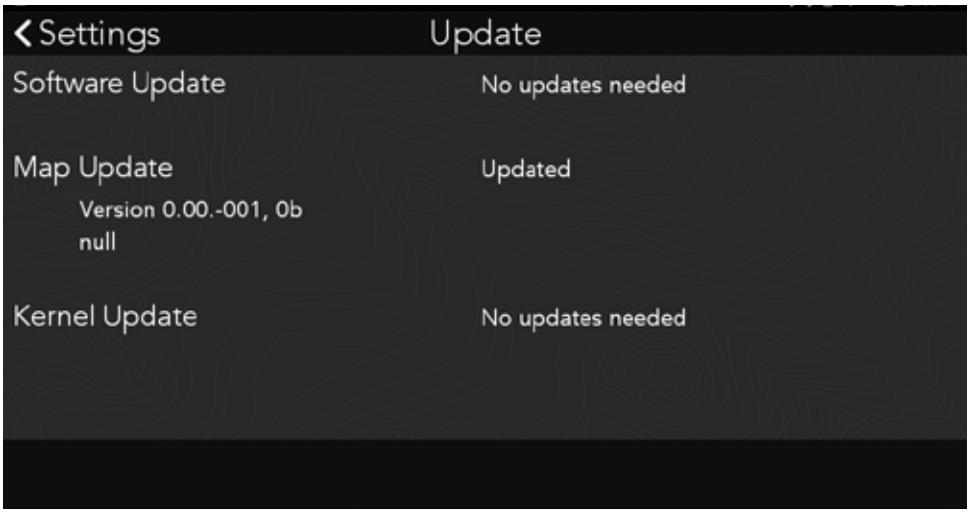
## Account Creation & Registration.

**5. Update Software.**

If any software updates are available when you purchase your device, you will be prompted to install the latest update. To update your software:

1. When you reach the **Updates** screen, tap **Software Update** > tap **Download**.
2. Wait a few minutes for the update to finish downloading > tap **Install**.
3. When you see a notification asking you if you want to install an update to the existing application, Tap **Install**. Make sure that the **NEW** tab is selected, NOT the **ALL** tab. This option may erase any existing TRX user data.
4. Wait a few minutes for the software update to finish installing > tap **Open**.
5. When you see a notification that says "Magellan TRX needs to download resources", tap **Start download** Make sure **Download over Wi-Fi only** is checked.

Wait a few minutes for the update to finish downloading. You'll see a notification that says "Software update complete" once the new software has been installed.



## Account Creation & Registration.

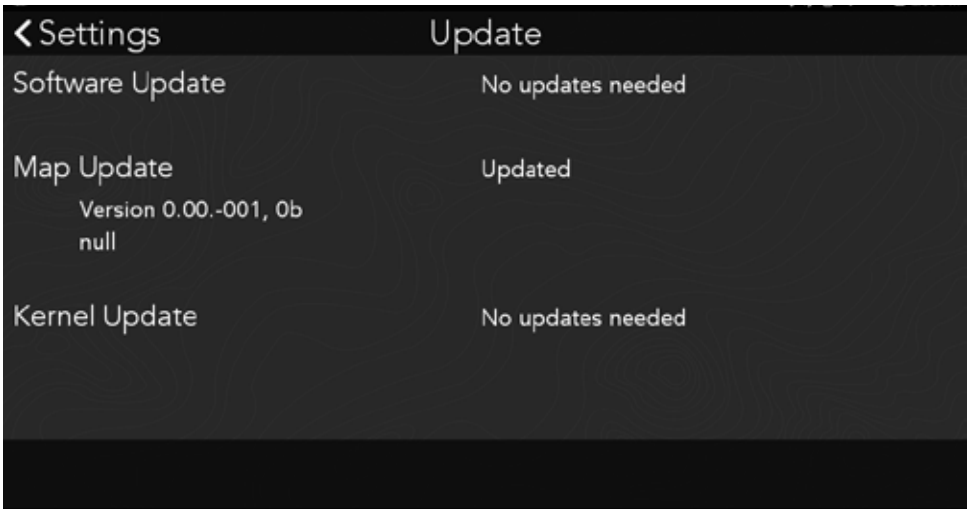
### 6. Update Maps.

**Note:** Make sure that you download the latest software version before downloading new map packages. Visit **trxsupport.magellangps.com** for a list of latest software versions.

To update your maps:

1. On the Updates screen, tap **Map Update**.
2. Tap **Update**. Wait for the update to download. The map update is installed to your device automatically once all the files have been downloaded.
3. Tap **Restart** to restart the TRX app and complete the map update.

**Note:** Map packages can be large (approximately 500MB-1GB) and take some time to download depending on your Wi-Fi network speed. **File** and **Size** information will update on your screen as the map files are downloaded.



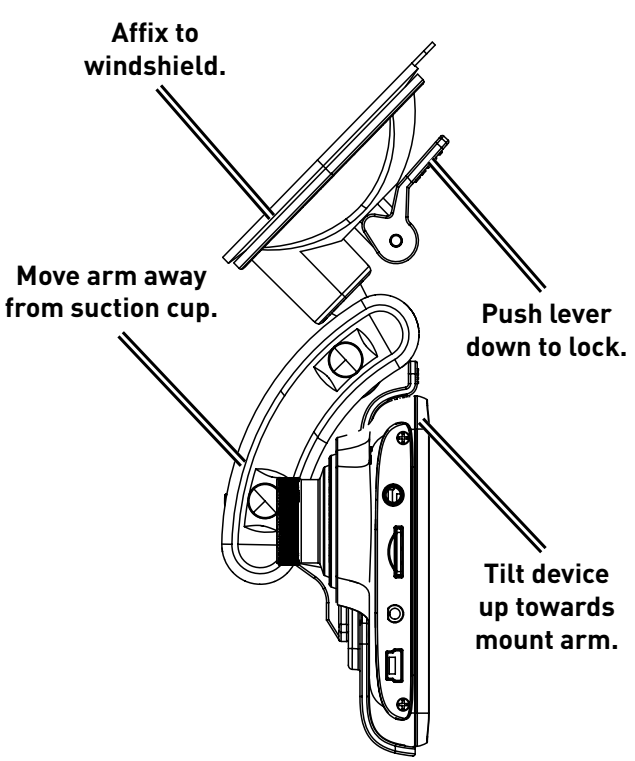
## Mount the Device.

Attach your device to the included cradle and mount and use suction cup base to adhere your device to your vehicle's windshield or dashboard.

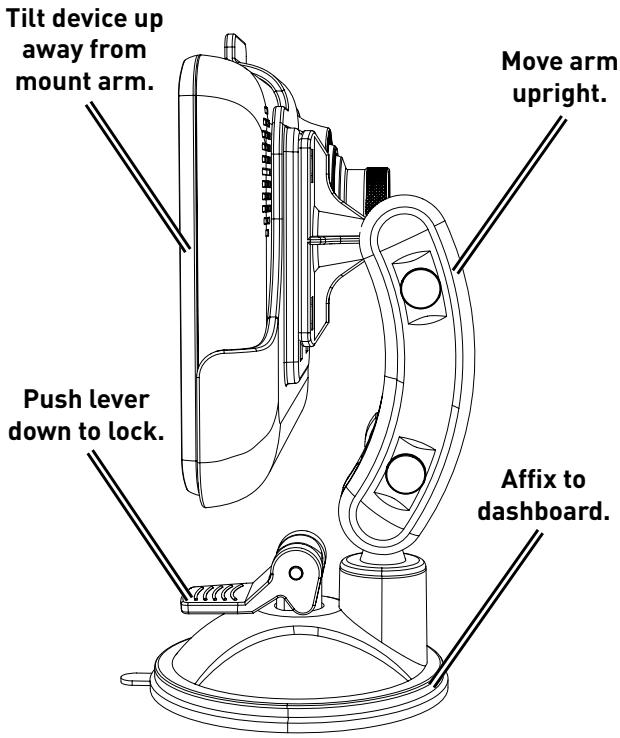
For best image quality, mount your device as follows:

**WARNING:** Observe local laws and regulations regarding proper mounting of devices.

**Windshield**




**Dashboard**



**1. Power On.**

Press and hold the **Power** button on the top of your device. Within seconds, you'll see the Magellan logo, and your device will boot up.

**2. Charge the Device.**

Using the included AC Adapter or Vehicle Power Adapter (VPA):

1. Insert AC adapter into wall outlet or insert VPA plug into vehicle power outlet.
2. Insert mini-USB connector end of AC adapter or VPA into the left side of the device.

**Note:** Your device may take several hours to reach a full charge.

Now that you've got the TR7 basics, customize your profile before you hit the trail.

## Create Your Vehicle Profile.

Create a customized Vehicle Profile. You can create a separate vehicle profile for your OHV vehicles and tow rigs.

1. Tap Settings from the Dashboard > tap Account Profile.
2. Tap Vehicles > tap > + Add Vehicle.
3. Enter vehicle information: Nickname, Year, Make, Model, and City and State.
4. Tap Active Vehicle if this will be your primary vehicle.
5. Tap Edit to add a picture of your vehicle from your device (optional) > tap Save.

**Tip:** Tap > + Add Vehicle from the Vehicles page to add other vehicles.

The first vehicle you add is automatically designated as your Active Vehicle. To select a different Active Vehicle:

1. Tap Settings from the Dashboard > tap Account Profile.
2. Tap Vehicles > tap on the vehicle you wish to assign as your Active Vehicle.
3. Tap Active Vehicle > Select OK when you see the prompt Change active vehicle? to confirm the change, or Cancel to stop the change.

## Link to Social Media.

Link your Twitter and Instagram accounts to your TRX Account to Tweet your Dirt Miles and share off-roading photos while tracking using the Social Post ( # ) button.

### Link Your Twitter Account

To link your TR7 to your Twitter account:

1. Tap Settings from the Dashboard > tap Social Networks.

Settings
Social Networks
Twitter Instantly post #MagellanTRX to your Twitter feed.
Ex.: Just drove 12 Dirt Miles on the Rubicon Trail! #MagellanTRX
Instagram Share photos from your logged activities.

2. Tap + next to the Twitter option > tap Connect.

Networks
Twitter
Post #MagellanTRX to your Twitter feed.
When you connect your Twitter account, your Dirt Miles and current trail location are posted to your feed along with the hashtag, #MagellanTRX.
Cancel
Connect

3. Enter account details > tap Connect > tap Done to finish linking to Twitter.

### Link Your Instagram Account

To link your TR7 to your Instagram account, tap + next to the Instagram option and repeat the steps for linking your Twitter account.

## Using Street Navigation.

You can route to any location on the map (trails, tracks, POIs, addresses, and more) on your TR7 without having to use another navigation device.

To use street navigation on your TR7:

1. Tap **Search** from the TRX Dashboard.
2. Search for an Address, Trail, or other location that you want to get to. Not all addresses in the U.S. will appear in your search results.
3. Tap on the desired location from the search results.
4. Tap **GO** to begin routing to an Address, or tap **Save** to add a trail to your Wish List.
5. Return to the TRX Dashboard > tap **Journal** > **Wish List**.
6. Tap on the Trail you want to get to from your Wish List.
7. Tap **Follow** > **Start to End** or **End to Start**.

Once you begin routing, you'll automatically be given visual and audible turn-by-turn navigation instructions to the Trail. To cancel your route, tap **X** on the top right of the screen > tap **YES** to cancel the route.

**Tip:** Tap on the Estimated Duration box (to the bottom right of directions at the top of the screen) to view your current MPH, Elevation, and Direction of Travel.

**Tip:** Tap on the navigation icons on the top left of the screen to view a list of upcoming turns and maneuvers.

## Tracking.

To track your progress from any location:

1. Tap Map from the Dashboard to get to the Map screen.

2. Tap REC to start tracking > tap ⏸ to pause tracking at any time.

On the Active Map screen, you can:

Mark a Quick Waypoint.

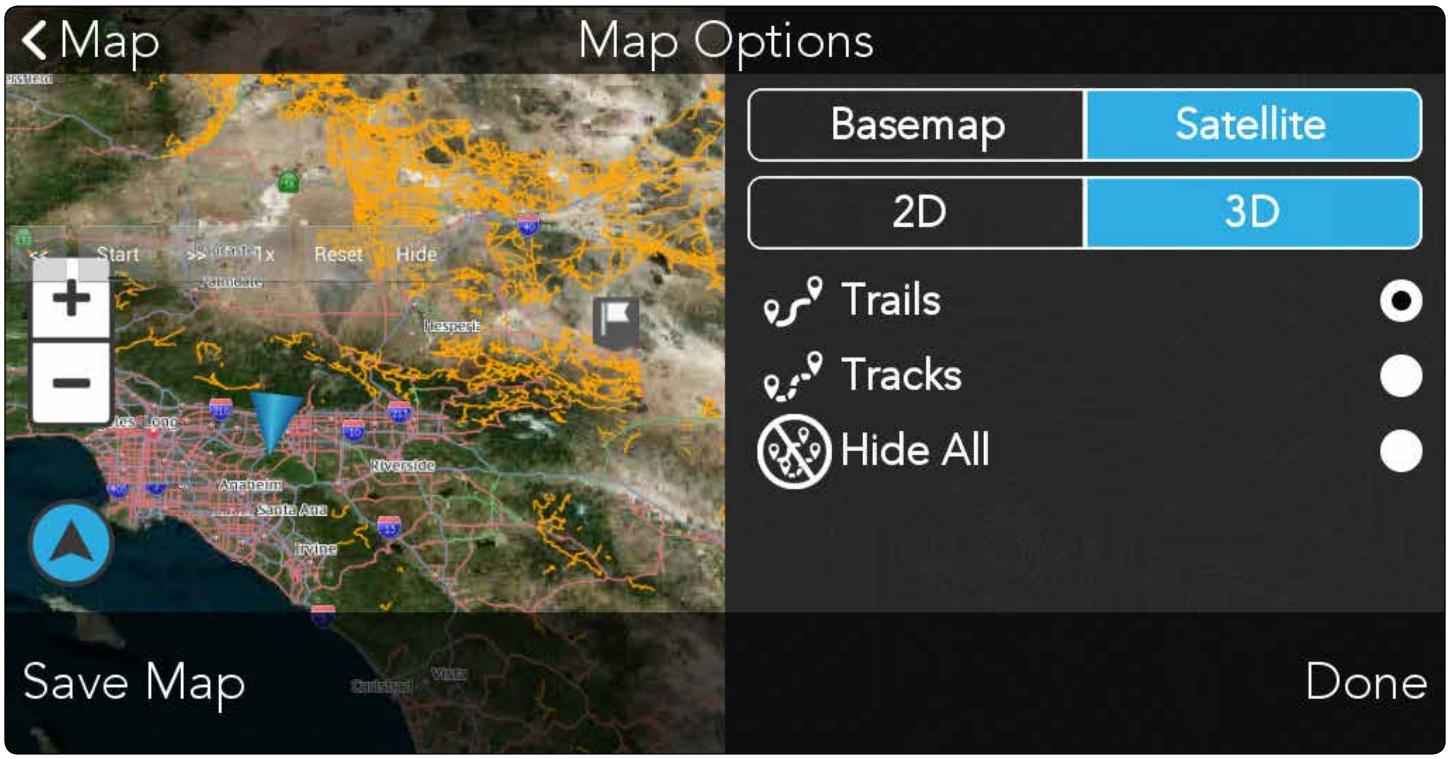
Customize map view.

**Note:** From the TRX Dashboard, go to **Settings** > **Map Display** to configure your default Map View and Orientation as well as to toggle the North Up and Zoom buttons on and off.

**Tip:** Tap to snap the map view back to your current location after you've panned around the map.

### Change Map Options

Tap to customize your map view:




- Tap **Basemap** for the default topo map view, and tap **Satellite** for satellite map imagery from DigitalGlobe.*
- Tap **2D** for a 2D map view, and tap **3D** for a 3D map view.
- Tap **Trails** to view authorized OHV trail data (solid orange lines) on the map view.
- Tap **Tracks** to view user-generated Tracks (dashed orange lines) on the map view.
- Tap **Hide All** to hide map content from the map view.
- Tap **Save Map** to save satellite imagery from the current map view to your device for use when you're out on the trail.*
- Tap **Done** to return to the Map screen.

*You must have a DigitalGlobe subscription before you can access satellite imagery on your TR7. Satellite Imagery is intended to be downloaded before use on the trail. Downloading Satellite Imagery requires a strong and reliable WiFi connection to download large imagery files. Refer to **Using Satellite Imagery** for instructions on subscribing to DigitalGlobe on your TR7 as well as viewing and saving satellite imagery.

Pausing the track displays more options.

**Detail Waypoint:** Record an Audio Waypoint, select Waypoint type at Current Location, mark Point on Map, or Enter Waypoint using Coordinates.

**Social Post:** Tweet Dirt Miles from your current track. (Requires Wi-Fi connection)

**Backtrack:** Follow your track back to starting point.

**Finish:** Save and customize your current track.

## Mark Waypoints.

Whether a challenging trail or a leisurely ride, waypoints let you add detail to your tracks and to any environment with customizable waypoints options so that you and other off-roaders can learn more about an area before heading to the trail.

You can save Detail Waypoints while free-driving on the map, and both Quick Waypoints and Detail Waypoints while tracking.

All waypoints saved while free-driving are added to your Log, and all waypoints saved while tracking appear on your track after you've finished and save it to your Log.

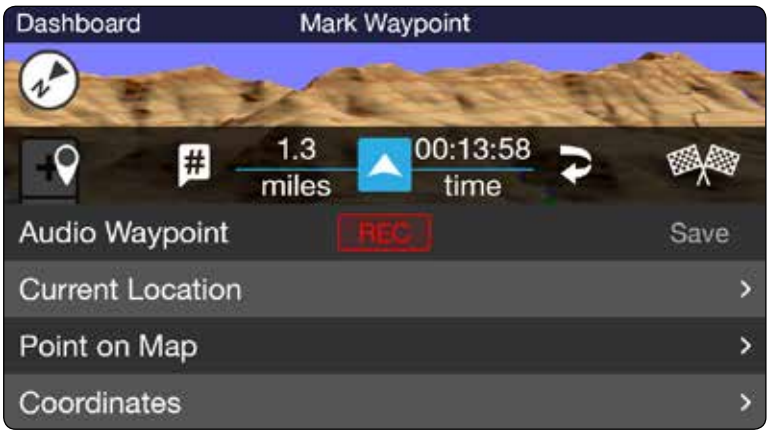
To save a waypoint while tracking:

1. Tap > tap Waypoint type > choose applicable waypoint sub-type.

2. Tap Save to save Waypoint to your Track, or tap Cancel to return to your Track.

To save a Detail Waypoint:

1. Tap ⏸ to pause your track > tap 📍.
2. Tap **Detail Waypoint** option.




Audio Waypoint: Record custom audio message.

1. Tap REC > record your message.
2. Tap Save to save Audio Waypoint.

Current Location: Select Waypoint for your location.

1. Tap Waypoint type > choose applicable Waypoint sub-type > tap **Next**.
2. Enter Waypoint name and comment.
3. Tap Save to save the Waypoint to your track, or < Info to return to the Detail Waypoint options.

## Social Post.

Tweeting from your Track lets your friends and other off-roaders know where your location and how many Dirt Miles you've driven.

To Tweet from your track:

1. Tap ⏸ to pause your track > Tap #.
2. Tap OK when you see the message This will post upon connection. (if not connected to Wi-Fi).

Social Post
@edmcstippen
4:21 PM - March 12, 2015
Just drove 8 Dirt Miles on the Rubicon Trail! #MagellanTRX
This will post upon connection. OK

3. Tap OK.

## Backtrack.

Follow a track back to the starting point:

1. Tap . You'll see this notification:

2. Tap OK to begin Backtracking, or Cancel to return to the Pause screen.

While Backtracking, you'll see guidance arrows moving to the start of your track.

**WARNING:** Use Backtracking with caution. Direction of travel can affect Route difficulty.

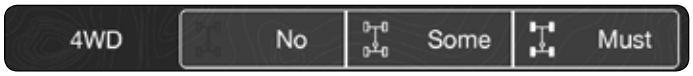
## Finish (Save) Your Track.

When you've finished tracking, save your track to your Log.

**Note:** You must follow these steps in order to save any track that you've recorded. If you turn off the unit before saving, you will lose your track data.

1. Tap > tap > enter track attributes.
2. Tap **Name** to type in a track name.

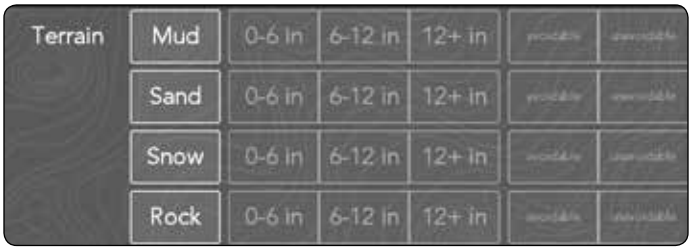
3. Tap a 4WD (four-wheel drive) option.



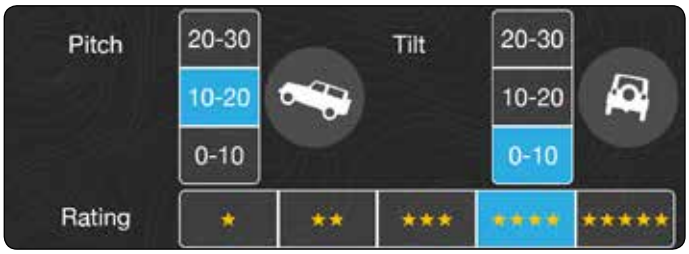

4. Tap a 4LO (low-gear) option.

5. Tap a Terrain type.

6. Tap Terrain information.




7. Tap Pitch, Tilt, 1-5 Star Rating, and Difficulty Level.




8. Select a Dificulty Rank for the track

Easy Intermediate Advanced Expert only

9. Tap **Comment** to include track details (conditions, weather, etc.).

10. Tap Save to save your track, or Discard to stop saving your track and return to the Map screen.

After you've saved a track to your account, you can view and edit the track's route, Waypoints, and attributes in your Log. You can also share your track with the TRX community on www.**TRXTrailhead.com** so that other TRX users can view and ride your tracks.

**Note:** Entering Track details is optional at the time of saving, but is mandatory before sharing the Track on TRX Trailhead.

## Use The Journal.

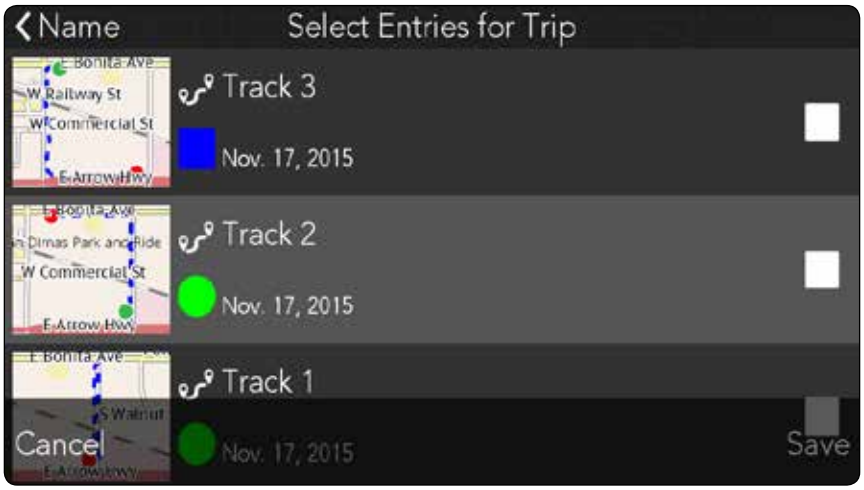
The Journal (accessible from TRX Dashboard) contains your saved items in two lists:

Log: Contains your completed tracks in chronological order, with the most recent saved Track at the top.

Wish List: Contains trails, tracks, and waypoints that you've saved from Search.

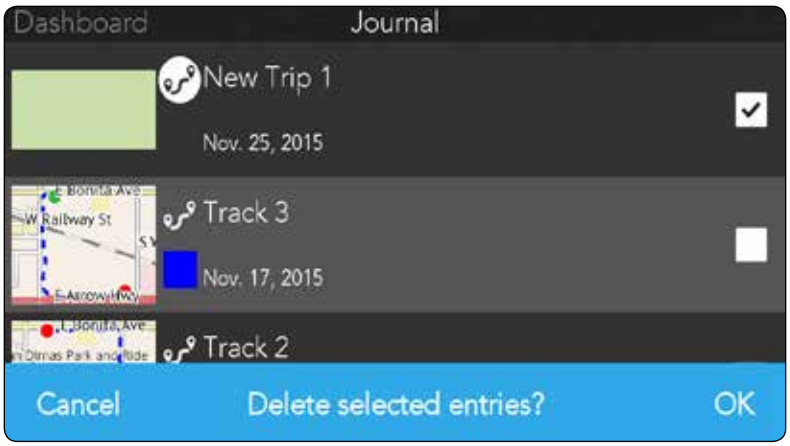
### Create A New Trip

1. Tap ✎ > + New Trip.
2. Type a name for the trip > tap Done.
3. Check each track or trail you want to add to the trip > tap Save.

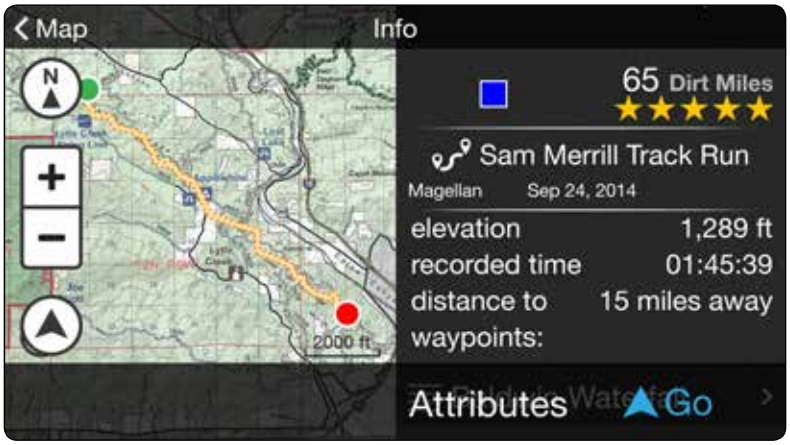


### Delete A Trip

1. Tap > tap the check box next to each trip you want to delete > tap .
2. Tap OK to delete the trip, or Cancel to return to your Log or Wish List.




To navigate to a trail, POI, or other item that you've saved to your Wish List, tap an item on your Wish List > tap GO.




To follow a trail from your Wish List:

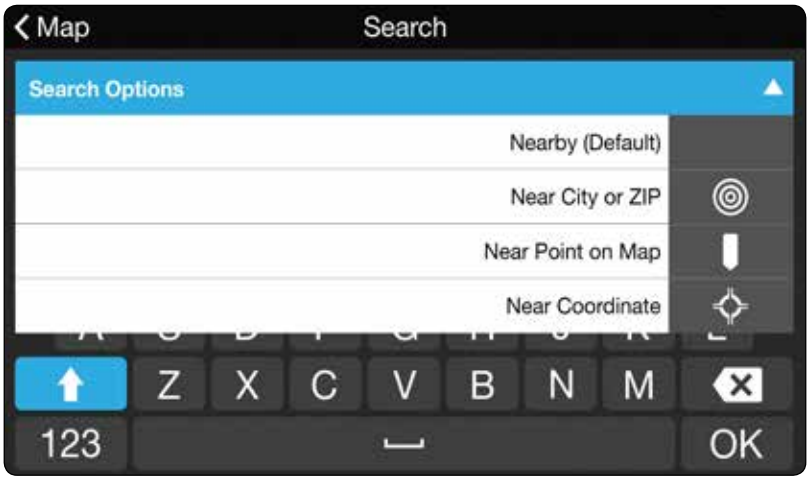
1. Tap an item on your Wish List.
2. Tap Follow, then tap Start to End or End to Start to ride a track or trail.
3. Follow the arrows and voice guidance to ride safely along the track or trail.

TRX **Tip:** You'll receive audio guidance when following official TRX Basemap Trails, but not on user-generated Tracks.

## Search For Map Content.

Tap Search to search through the TR7 Basemap of over 100,000 preloaded trails in addition to user tracks, POIs, OHV Attractions, and more.

Search by keyword or manually enter search criteria in the Search Options menu (**Nearby**, **Near City or ZIP**, **Near Point on Map**, or **Near Coordinates**).




Search by category:

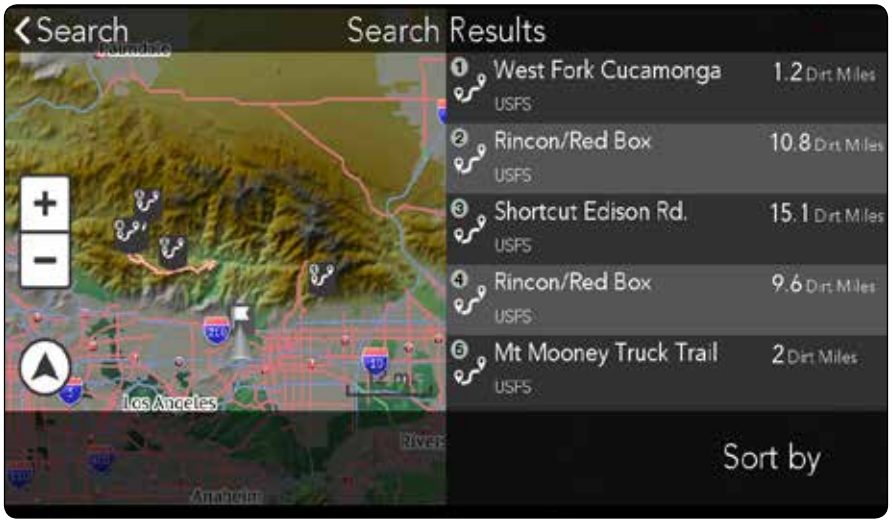
Trails: search for official OHV Trails supplied by the managing authority in each area. (i.e. BLM, NSFS, State, etc.)

Tracks: search for the TRX community for user-recorded tracks.

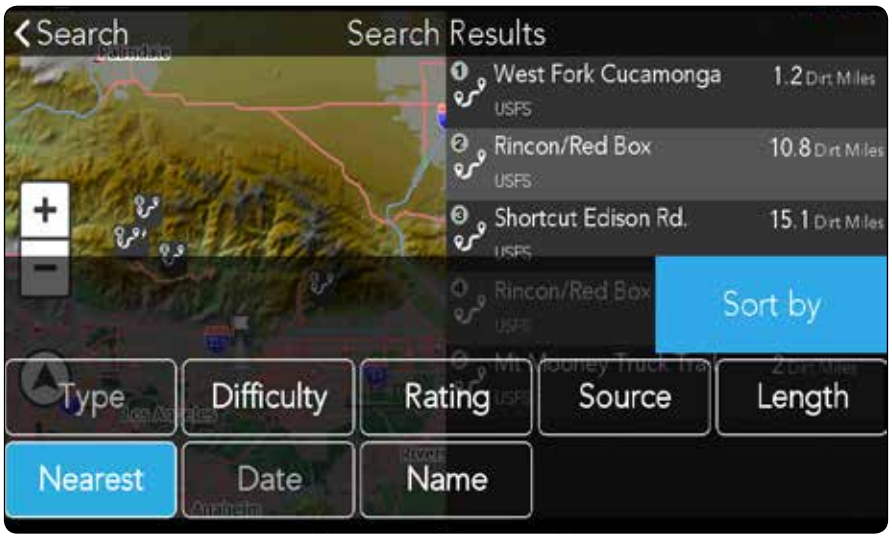
Trips: search for the TRX community for user-recorded trips.

ORV Attractions: search for OHV parks.

Tap Done to populate the map with results related to your search.




Tap Sort by to refine results > choose a sorting option.



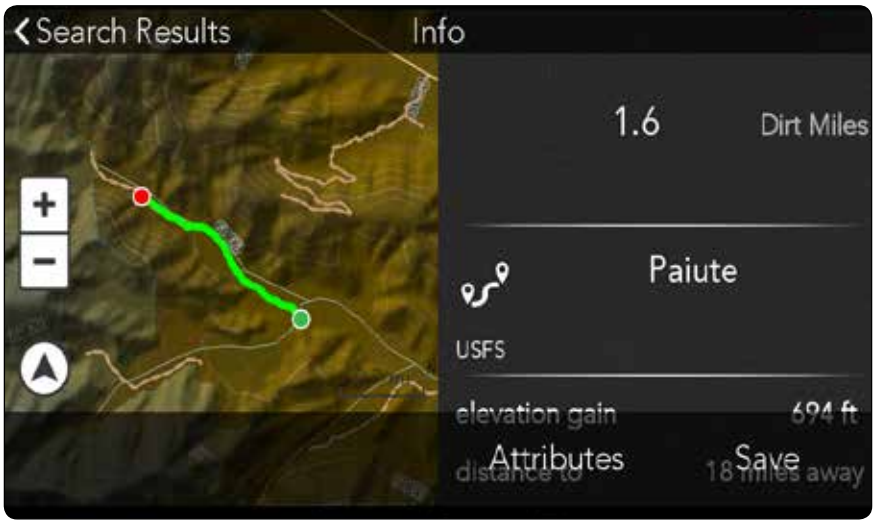

Tap Sort by again to refine your search results on the map.

TRX **Tip:** Searching by cities or regions (e.g. Moab, Rubicon) in the keyword search can help expedite your search for specific trails.

### View and Save Searched Items

You can save items from your search results to your Wish List.

1. Tap on a Marker Label on the Map to see an item's attributes.




2. Tap Save to save the item to your Wish List.
3. Tap OK to confirm.

## Use Satellite Imagery.

You have several options for saving satellite imagery to your TR7 so that you can access the satellite imagery associated with that map area even when you're outside of network coverage.

### Notes

- You must have a DigitalGlobe subscription before you can access satellite imagery on your TR7 (available through Magellan GPS for **$29.99/year**).
- You must have a strong, reliable Wi-Fi connection to download satellite imagery. Satellite images are saved to large files and can take a long time to download using a weak Wi-Fi connection.
- DigitalGlobe only permits you to download up to 2GB per day to your TR7.

**Purchase a DigitalGlobe Subscription.**

**IMPORTANT:** You do NOT need to download VantagePoint or any other additional software to use DigitalGlobe on your TR7.

1. On a laptop or desktop computer to the following URL:

   **http://www.magellangps.com/Store/Satellite-Imagery/Digital-Globe-Satellite-Imagery**

   Make sure you're signed into MagellanGPS.com with your TRX account email address and password and that you've already registered your TR7. Click Login on this page to sign into your Magellan GPS account.

2. Select **Magellan eXplorist TR7 - Product Registration** - **[TR7 serial number]** from the drop-down menu. Make sure the serial number on the drop-down menu matches the serial number on the back of your TR7 unit.
3. Click **Add to Cart** > go to the shopping cart and click **Proceed to Checkout** when you're ready to check out.
4. Enter your address, billing, and payment information > click **Continue**.
5. Read the Terms and Conditions > click the check box next to **I have read and agree to the Terms and Conditions** to proceed.
6. Click **Submit Order** to complete the order.
7. Check your email for a confirmation email. Please save this email for your records.

Once you've purchased the subscription, DigitalGlobe satellite imagery will be available on your TR7 and on **www.TRXTrailhead.com**. Go to **Settings** > **In-App Purchases** to verify that the subscription has been successfully purchased.

**Note:** Your DigitalGlobe subscription may not appear in your account right away. Please allow 10-20 minutes before the subscription is activated on your devices. You may also need to restart your TR7 in order to refresh the software and begin using your DigitalGlobe subscription.

**Save Satellite Imagery from the Map Screen.**

1. Tap **Map** from the TRX Dashboard > tap **Map Options** in the top right of the screen.
2. Toggle to the **Satellite** option > tap **Save Map** on the bottom left of the screen.
3. Zoom out on the map view on the left side of the screen until you see the entire map area that you want to save OR until the Size exceeds the Max limit.
4. Tap **Next** > Enter a name for the map area > tap **Save**.
5. Go to **Settings** > **Map Save** > **Saved Maps** to view all saved map areas. Tap the **Pencil (Edit)** button to delete imagery from your saved areas.

**Save Satellite Imagery Automatically.**

1. Go to **Settings** from the TRX Dashboard > **Map Save**.
2. Tap the check box next to Automatic Satellite Map Save to turn it **ON** (checked) or **OFF** (unchecked).

When this option is checked, your TR7 will automatically download satellite imagery for all current Wish List items when you save a new map area to your Wish List.

Now, you can automatically save satellite imagery in a map area around a Trail, Track or other map content from the Search function:

1. Tap **Search** from the TRX Dashboard.
2. Search for a **Trail**, **Track**, or other map content > tap on an item from the search results to open the Attributes page .
3. Tap **Save** to add the item to your Wish List.

Satellite imagery in the map area around the item will be available when you travel to that location using your TR7, even without network coverage.

**Note:** Satellite imagery is saved to the TR7's internal storage. To save space, delete all unused satellite map areas from your Saved Maps once you've finished using them.

To delete satellite Imagery:

1. Go to **Settings** from the TRX Dashboard > **Map Save** > **Saved Maps**.
2. Tap the **Pencil (Edit)** button.
3. Check the box next to the satellite imagery that you wish to remove.
4. Tap the **Trash Can** button to delete the selected imagery.

## Import GPX Files.

You can import GPX files that you've downloaded from off-roading sites as personal tracks on your TR7. When the GPX file has been converted to an user track on your TR7, you can navigate on them just as you can with any of your personal tracks or public OHV trails.

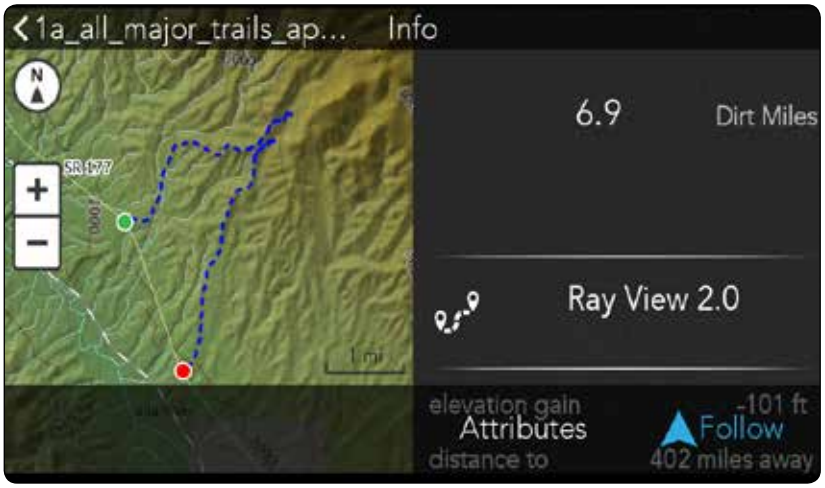
To import a GPX file into your TR7 as an user track:

1. Find and download a GPX file to your computer.
2. Insert a microSD card into your computer. Use a microSD card adapter if necessary. Move/copy the GPX file to your microSD card.
3. Eject microSD card from your computer and insert into the microSD card slot on the left side of your TR7. Make sure that you see a notification on the top right of the screen that says "SD card is mounted".
4. From the TRX Dashboard, tap **Journal** > tap the **Pencil** button in your Log.
5. Tap **Import** > tap **SD Card**.
6. Tap the check box next to each file you want to import > tap **Import**. Wait a few moments for the file to be uploaded.

Your GPX file is now uploaded as an user track in your Log. The track will display the same name as the original GPX file.

To begin navigating on the new GPX track:

1. Tap on the new track in your Log. In some cases, you'll need to tap on a file within the track.
2. Tap **Follow** > **Start to End** or **End to Start** to begin navigating on the track.



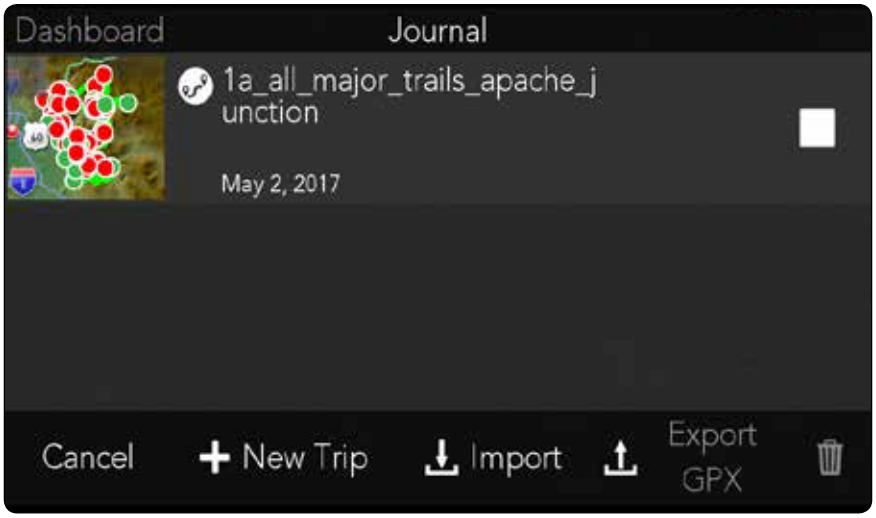
## Export Tracks As GPX Files.

You can export any track that you've recorded as a GPX file to be used on external devices.

**IMPORTANT:** Make sure you insert a microSD card before exporting a track. Use a 32GB (or smaller) microSD formatted to FAT32 (or FAT16 if you're using a 16GB card). Using a microSD card larger than 32GB may result in data loss.

To export a recorded track as a GPX file:

1. From the TRX Dashboard, tap **Journal** > tap the **Pencil** button in your Log.
2. Tap the check box next to the track you want to export > tap **Export GPX**.

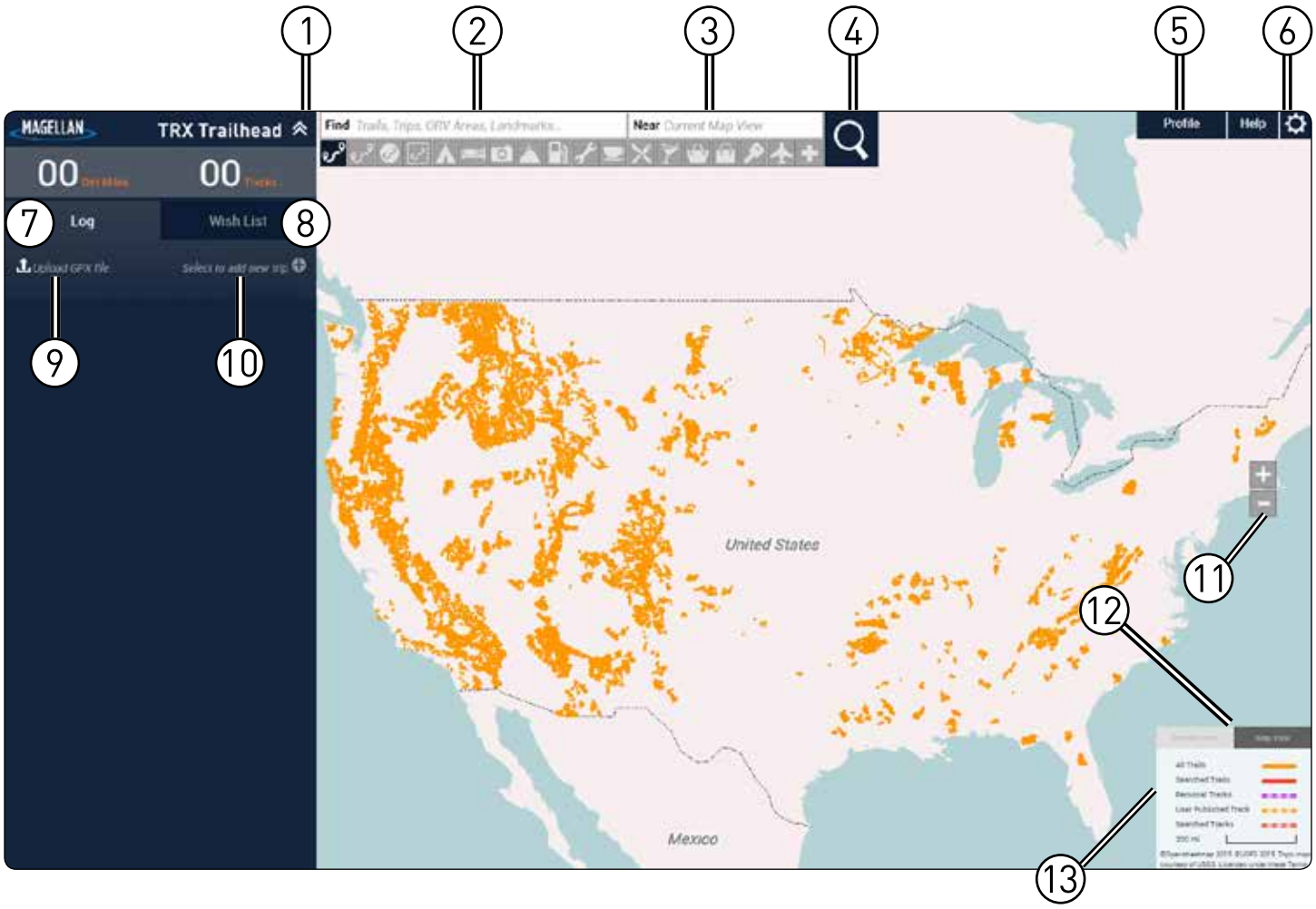



3. Wait a few moments for the export to be completed > tap **OK**.

Your track is now saved as a GPX file on your microSD card and can be used on any device compatible with GPX files. The file will be named after the original track name.

## Use TRX Trailhead

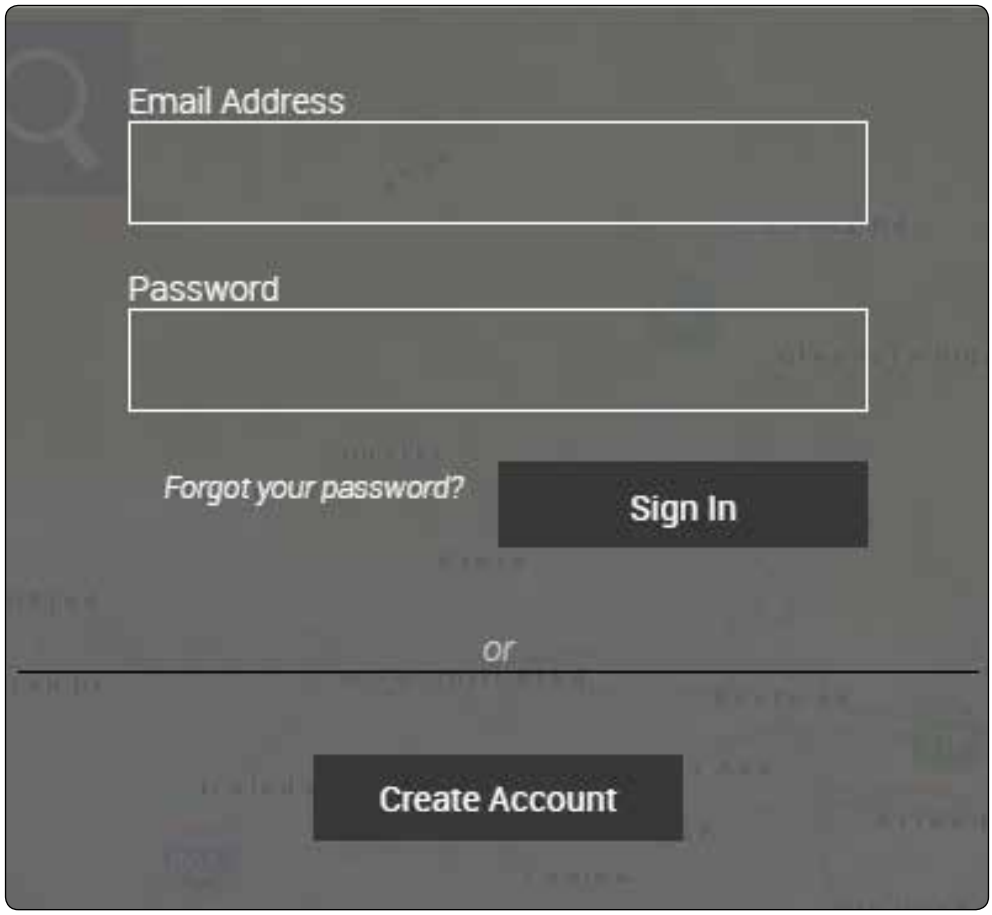
TRX Trailhead allows you to instantly see all 100,000+ Trails in the TRX Basemap to quickly search for Trails for your Wish List. You can also edit/review Tracks in your Log, edit Waypoints, search for user Tracks, and publicly share your Tracks.




1. **Minimize Log/Wish List.**
2. **Enter Search Terms.**
3. **Enter Location Criteria.**
4. **Search Button.**
5. **View Profile.**
6. **View Page Settings.**
7. **Access Personal Log.**
8. **Access Personal Wish List.**
9. **Upload GPX File.**
10. **Create New Trip.**
11. **Zoom In/Out.**
12. **Change Map View.**
13. **Map Content Key.**

## Sign In to TRX Trailhead

1. Go to **www.TRXTrailhead.com**.
2. Click Sign In.



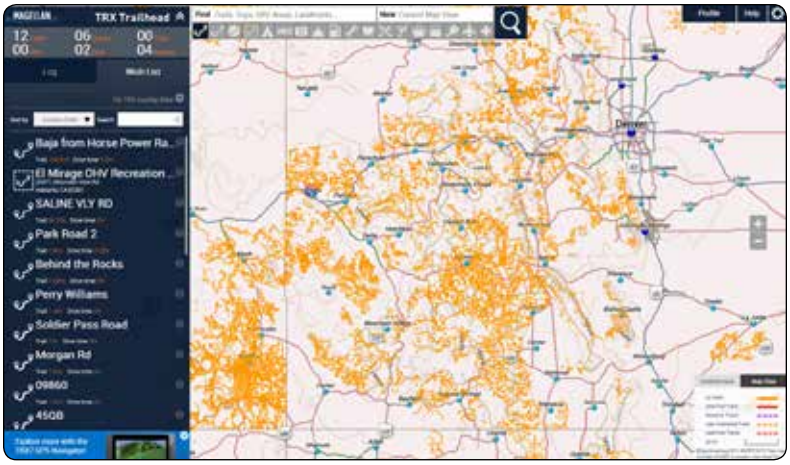

3. Enter your account details.
4. Click Sign In.

**Note:** Refer to **Create Your Account on TRX Trailhead** for information about registering on TRX Trailhead.

If you forget your TRX account password, use TRX Trailhead to reset it:

1. Click **Forgot your password?** > enter your TRX email address > click **Send**.
2. Go to the email inbox associated with your TRX account > click the link in the email you receive from **noreply@mytrxjournal.com**.
3. Enter a new password > click **Continue** to reset your password.

Once you've logged in, you'll see two tabs for your Wish List and Log.



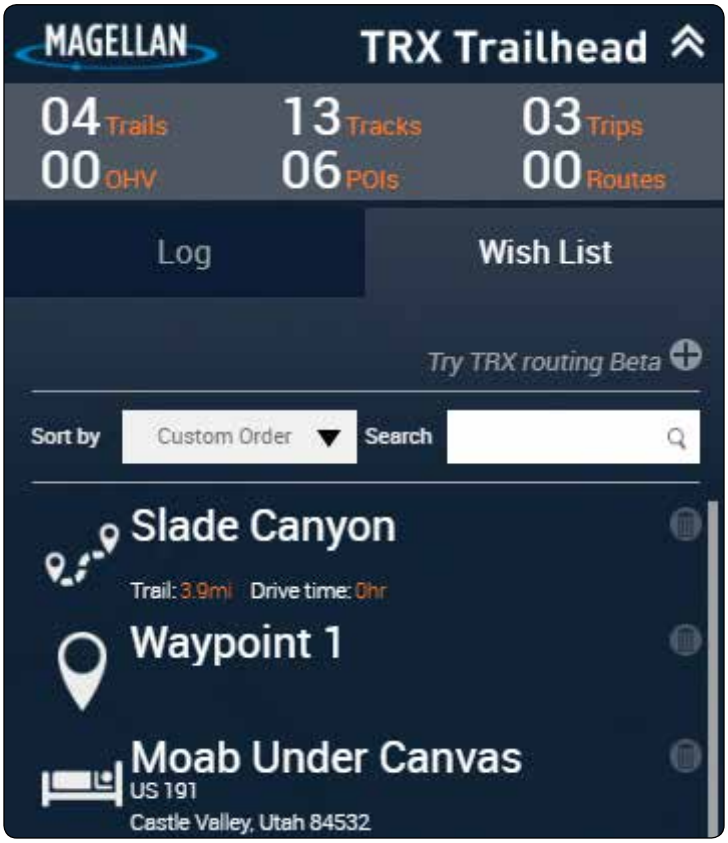

**Tip:** Click **Profile** on the top right of the screen to:

- View recently earned achievements.
- View devices registered to your account.
- View In-App Purchases.
- Connect your Account Profile to Twitter and Instagram.
- **Edit Profile**: Edit Account Profile.
- **Logout**: Log out of TRX Trailhead.

### Wish List and Log

Access your Log and Wish List by clicking on the tabs on the left side of the screen. All items that you've saved to your Log and Wish List on your TR7 will appear here when you log into TRX Trailhead with your TRX account.

Click Tracks, Trails, or Waypoints in your Log or Wish List to view details on the Map.

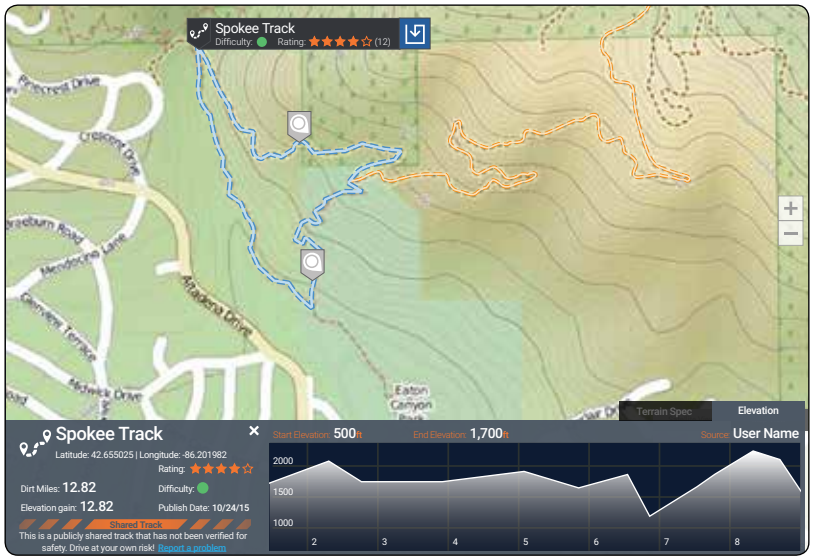



To delete items from your Journal:

1. Click next to the item.
2. Click Delete to delete the item, or Close to stop the deletion.

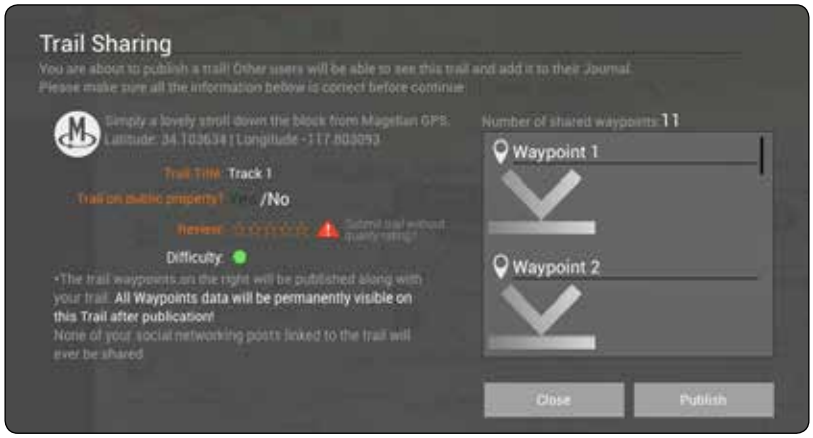
Select any saved Tracks or Trips in your Log to view details, including Start and End Elevation and Terrain Specs. You can modify Terrain Specs from a saved Track or Trip.

**Tip:** After you've selected an item, click the **Click to generate share link** option to generate a link to send via email to others who may be interested.




To publish tracks, waypoints, or trips from your Log to the TRX community:

1. Click on the item you wish to publish > review item details to ensure data accuracy.
2. Add Notes: to describe the item > edit **Review** rating (from 1-5 Stars).
3. Click Publish. A window appears asking you to confirm sharing.


Trail Sharing
You are about to publish a trail! Other users will be able to see this trail and add it to their Journal.
Please make sure all the information below is correct before continue
Simply a lovely stroll down the block from Magellan GPS.
Latitude: 34.103634 | Longitude: -117.803093
Number of shared waypoints: 11
Trail Title: Track 1
Trail on public property? Yes /No
Review:
Submit trail without quality rating?
Difficulty:
•The trail waypoints on the right will be published along with your trail. All Waypoints data will be permanently visible on this Trail after publication!
None of your social networking posts linked to the trail will ever be shared.
Waypoint 1
Waypoint 2
Close
Publish

4. Click Publish to publish the item, or Close to cancel the action.

Once your item is published, it's visible to you and the TRX community.

**WARNING:** You cannot remove a published track from the basemap. Please verify that item details are accurate. Describe any safety concerns before publishing an item.

TRX **Tip:** Unlike with TRX authorized OHV trails added to your Wish List, you cannot receive visual or audible Trail Guidance on user-generated Tracks.

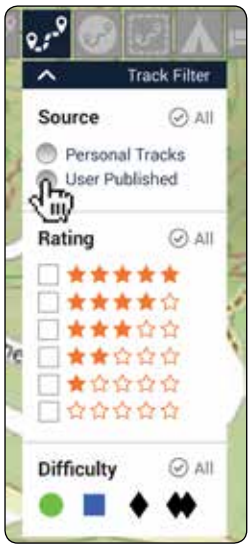
## Search for Trails, Tracks, Trips, OHV Attractions, and POIs.

To search for an item in TRX Trailhead:

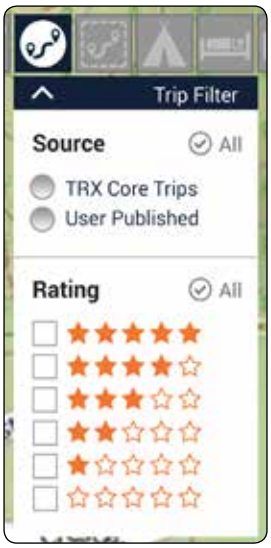
1. Click an items from Search options at the top of the page. Leave all items unselected if you want to search for an address.

**Tip:** Click on the user **Tracks** or **Trips** icons to filter your search results.

**Tracks Filter**



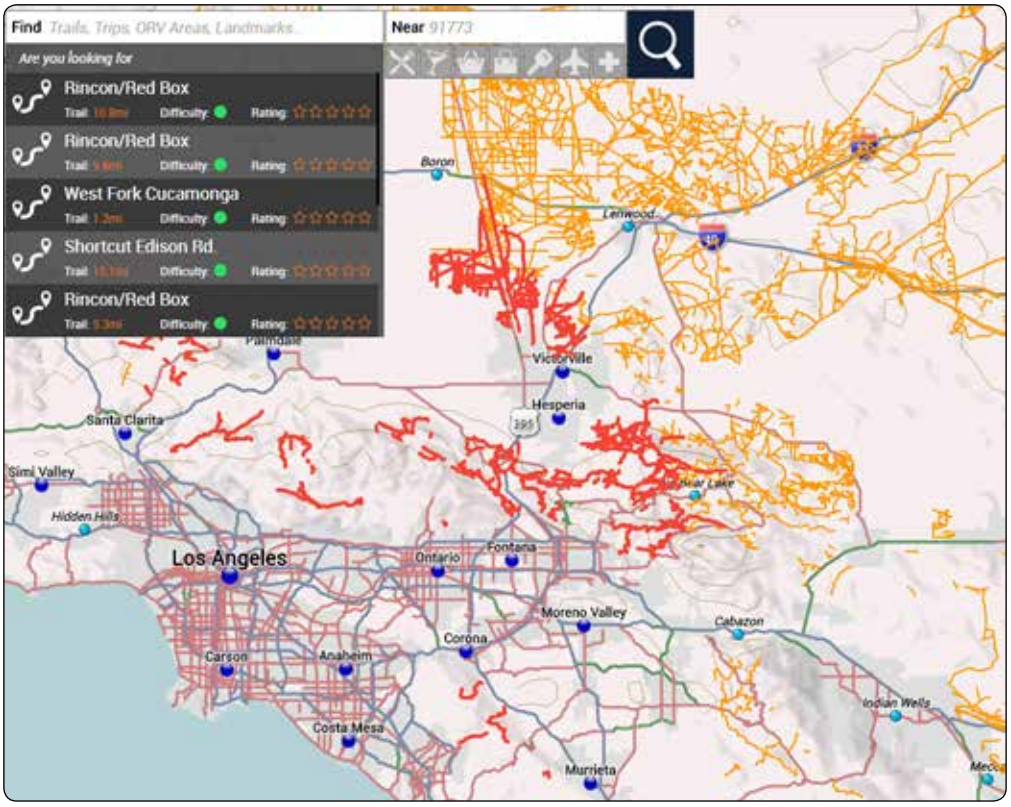

**Trips Filter**




**Tip:** Click the blue sphere next to a city name to highlight Trails within a roughly 50-mile radius of that city.

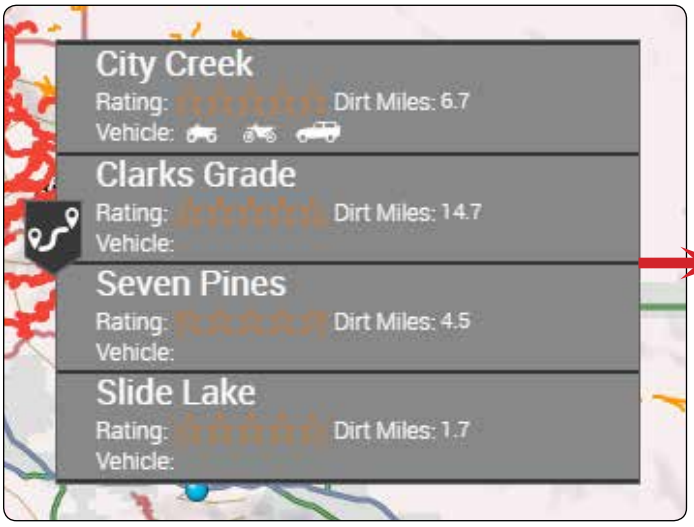
2. Type an address or search term in the **Find** text box (e.g. 3365 Gingerwood Rd., Beaver, Creek).
3. Type a city, state, zip code, or OHV area in the **Near** text box (e.g. Moab, 84532, etc.).
4. Click or press Enter to search.

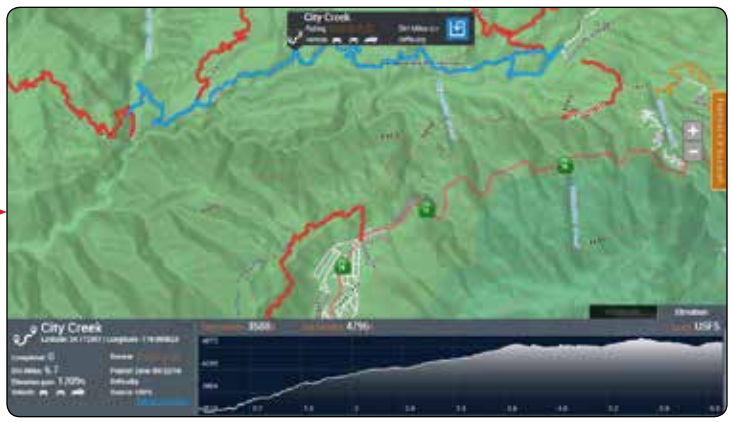
The Map populates with matching results. If you selected Trails, they appear red on the map.




Click on a Trail or POI for information.

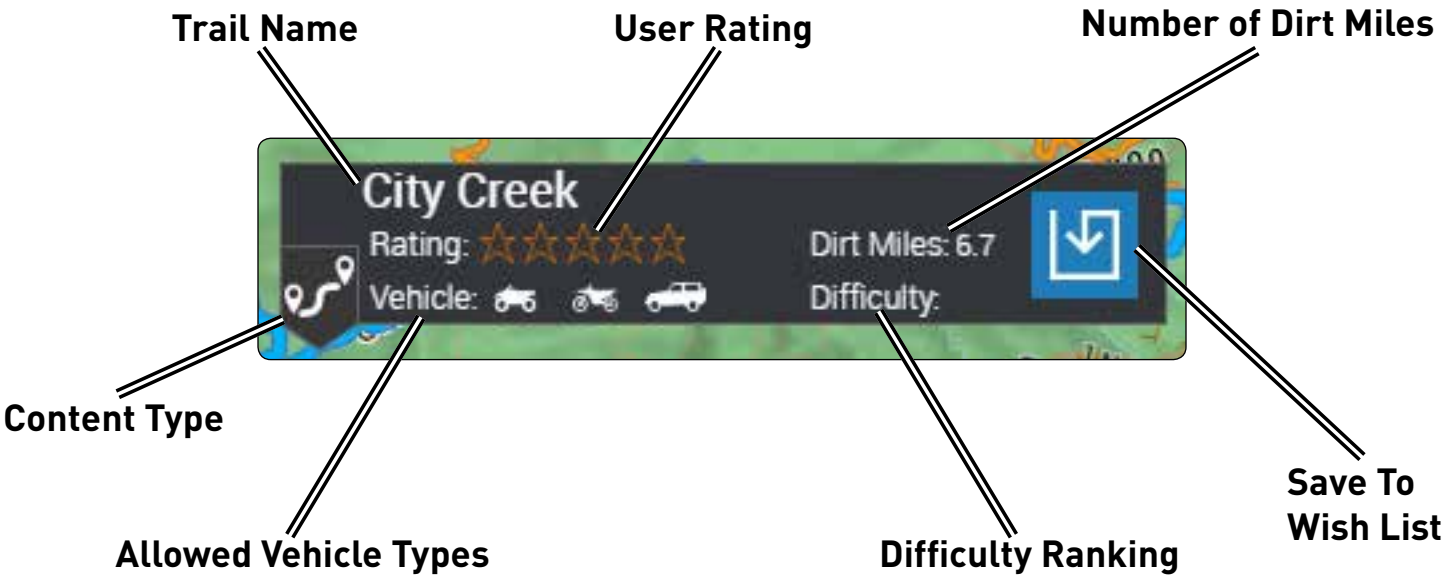
**Note:** Multiple Trails within a single route appear in a list form. Click any of the items in the list to view Trail information.

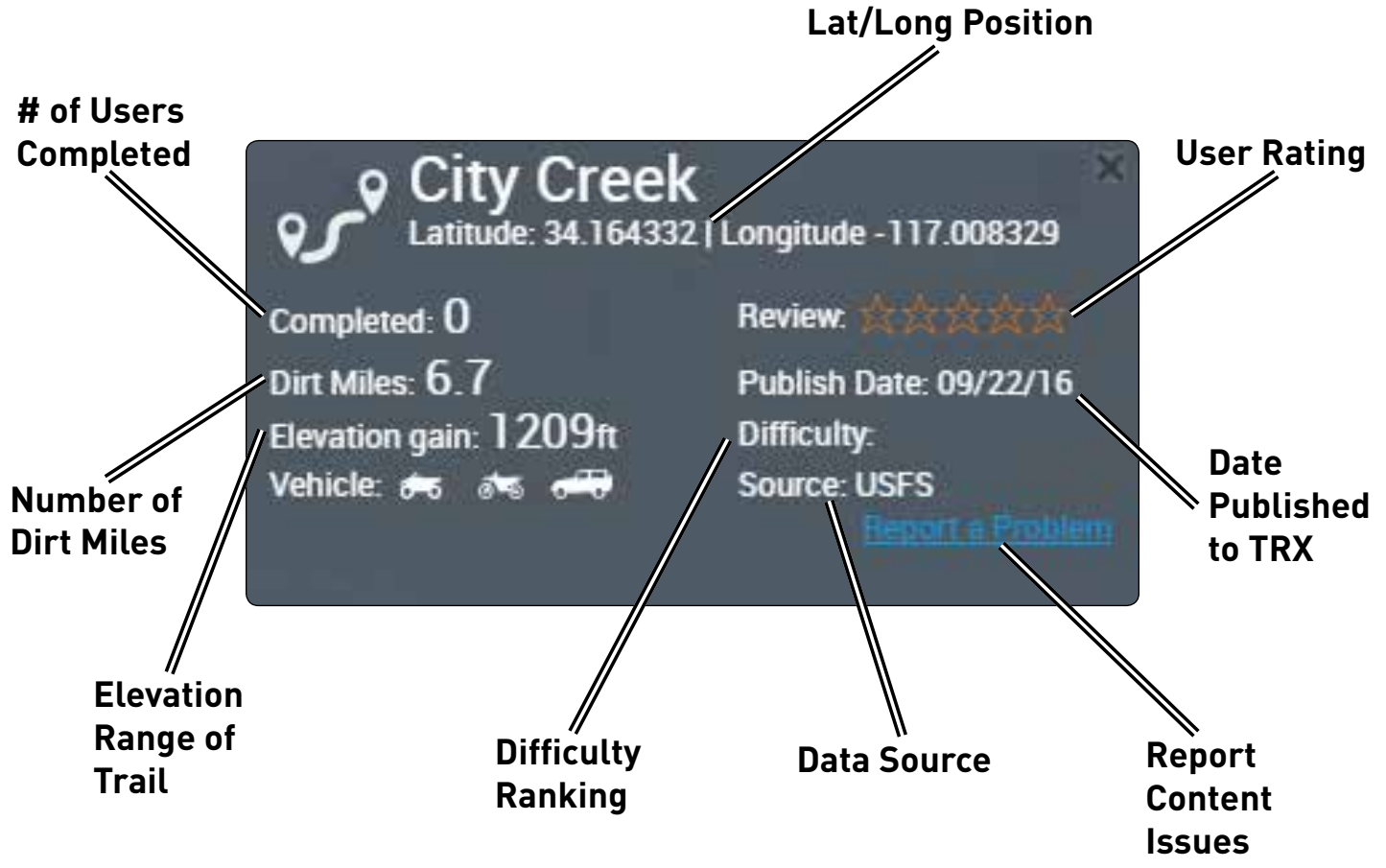



**WARNING:** User-published tracks are labeled with the following warning: **This is a publicly shared trail that has not been verified for safety. Drive at your own risk!** Review all track details carefully before riding the Trail.

Each trail and track is represented by a Marker Label as well as Attributes and Elevation details:



### Save To Your Wish List

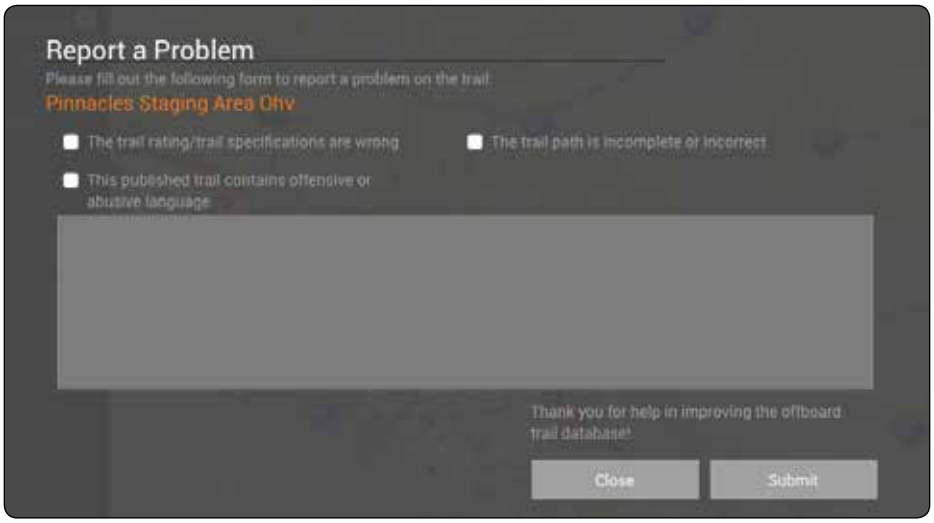
Click next to the item Marker Label to save an item from your search results to your Wish List:

**Tip:** Any items you add to your Wish List on TRX Trailhead automatically sync with your TR7 Wish List next time you sign in or if you choose **Settings** > **Manual Sync** from your TR7.

### Report Issues

To report issues with an item on the map:

1. Click Report a problem on item details > check applicable boxes.


Report a Problem
Please fill out the following form to report a problem on the trail:
Pinnacles Staging Area Ohv
The trail rating/trail specifications are wrong
The trail path is incomplete or incorrect
This published trail contains offensive or abusive language
Thank you for help in improving the offboard trail database!
Close
Submit

2. Enter detailed issues in the text box.
3. Click Submit to report a problem, or Close to stop the action.

## Create a Route.

The TRX Routing tool on **www.TRXTrailhead.com** is designed to help you plan day trips, weekend trips, and even long overland voyages that you can follow using your TR7.

With the TRX Routing tool, you can create a custom route, save it to your Wish List, and sync the route with your TR7 Wish List.

First, create a custom route on TRX Trailhead:

1. Sign in to TRX Trailhead using your TRX account.
2. Click on the Wish List tab on the left side of the screen > click **Try TRX routing Beta**.
3. Right-click on the basemap where you want to create a Waypoint as your route starting point **OR** add an item from your Wish List as your starting point.
4. Continue right-clicking on the map along the route you wish to create to drop Waypoints along your desired route.

**NOTE:** You can also search for Trails using the TRX Trailhead search functions to assist you in creating your route.

5. Click **Route name** to enter a name for your route.
6. Click **Save** to add your custom route to your Wish List.

Once your route is saved to your Wish List, go to your TR7 and tap Settings > Manual Sync to sync your new Route data to your TR7.

Note: If you have a DigitalGlobe subscription, save satellite imagery around your Route by going to **Settings** > **Map Save** and turning on **Automatic Satellite Map Save** before you Manual Sync

Now, to follow the route using your TR7:

1. Tap **Journal** from the TRX Dashboard > tap **Wish List**.
2. Tap on your custom route in your Wish List.
3. Tap on a routing option: **Fastest**, **Shortest**, or **Least Highways** (if desired).
4. Tap **GO** to begin routing from your current location to the route and the final destination. Routing provides visual and audible route guidance.

**Watch a video tutorial on Route Creation on the Magellan TRX YouTube channel:**
**https://www.youtube.com/watch?v=FUQeuFdVk18**

## Connect To Social Media

Connect your Twitter and Instagram accounts to your TRX Trailhead account (if you haven't already on your TR7 device).

To connect to Twitter and Instagram:

1. Click Profile at the top right corner of the screen.
2. Click Connect or Connect to go to the Twitter or Instagram login page.
3. Enter your Twitter or Instagram login information, or create a new account for use with your TRX account.

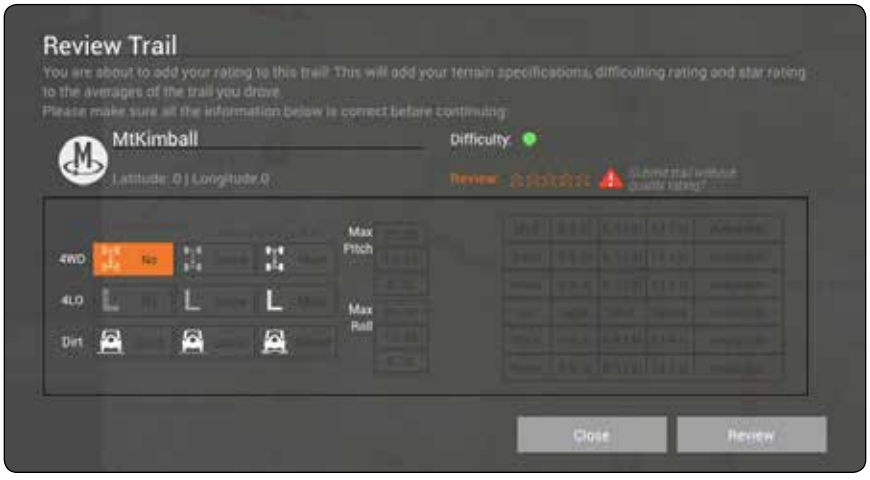
Once you've successfully linked a social media account to your TRX account, the icon turns blue: Connected Connected.

## Upload GPX Files

You can upload properly formatted GPS exchange format XML (GPX) files, with multiple Tracks or Waypoints, to your TRX Trailhead Log.

To upload a GPX file:

1. Click Upload GPX file in the Log tab.
2. Select GPX file from your computer > open file to upload to TRX Trailhead.
3. Rate and add attributes to the file as if you're adding attributes to a Track.




4. Click Review to save file to your Log.

**Tip:** Load GPX files that are 2MB or smaller for best uploading results.

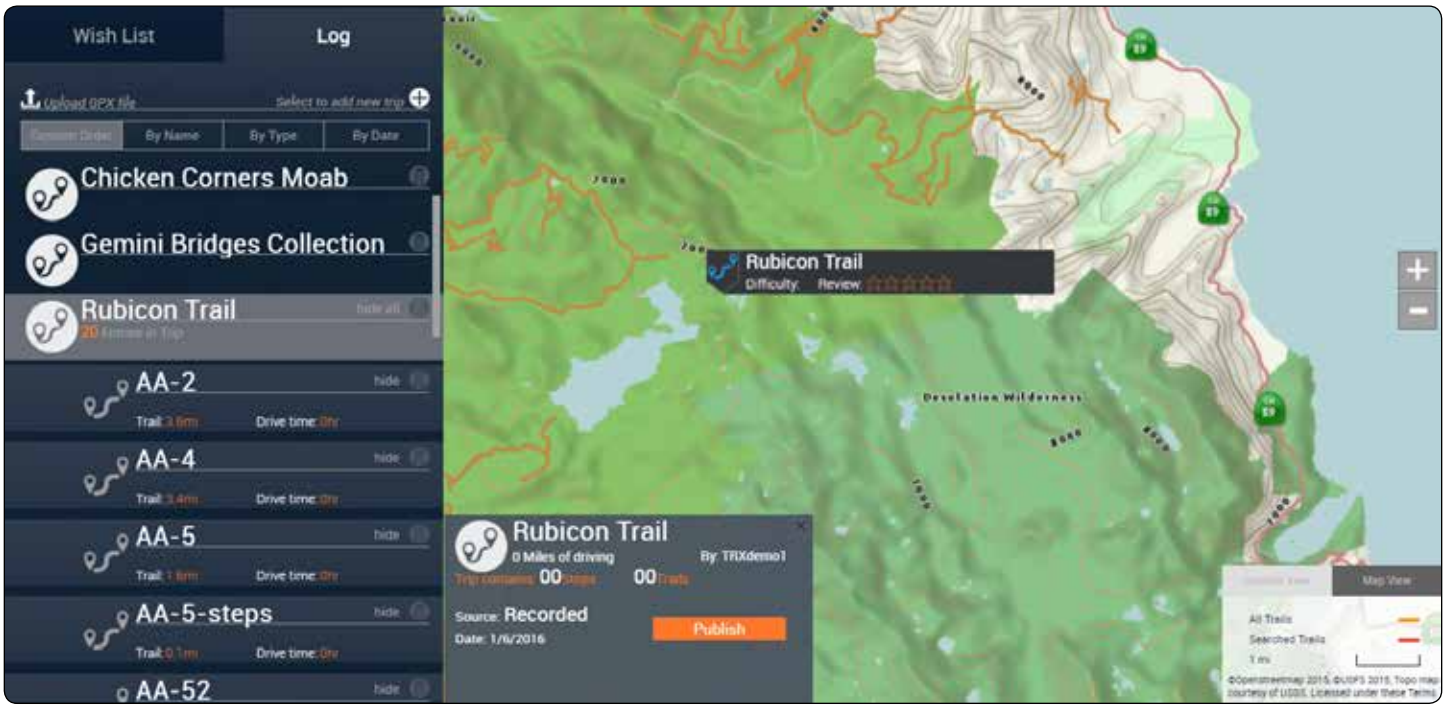
## Add a New Trip

Add a new Trip to your Log from TRX Trailhead by clicking on Select to add new trip

To add items to your Trip:

1. Search for an item in the Basemap.
2. Click and hold on the Marker Label > drag the Marker Label to the Trip folder and release your click.

The item is added to the Trip. Repeat for each item you want in your Trip.




You can see the Trip in your TR7 Log and once you've synced your account.

# TRX Glossary



**TRX GLOSSARY OF KEY TERMS**

Your TR7 account syncs seamlessly with TRX Trailhead and all TRX companion mobile apps. This glossary will familiarize you with all functions associated with your TR7 and all applications accessible with your TRX user account.

Unless otherwise noted, all interface terms are applicable to the TR7 device and all TRX mobile apps.

**Account Profile:** overarching term for data associated with a user's account, including user name, password, saved trails/trips, social media accounts, etc.

**Achievements:** aggregate of badges earned by a user for riding a certain amount of miles, riding in specific locations, riding in specific sponsored events, etc.

**Active Track:** the real-time tracking of a user's geographic location.

**All Trails:** trails that appear orange when a user pans across the map in TRX Trailhead.

**Backtrack:** allows a user to return to the beginning of their Active Track. When selected, the user's track is highlighted, guidance arrows mark the route ahead of the user's current position, and child waypoints alert the user along the Active Track. Voice notifications alert the user at the end of the Active Track.

**Basemap:** lowest layer of the map that provides geographic context to orient users on the map.

TRX users can toggle between two basemap views:

Map View: shows road network, topography, selected land use areas such as forest and park boundaries, street labels, populated areas, etc.

Satellite View: shows aerial imagery of the earth's surface (requires subscription).

**Bearing Line Navigation:** user selects a destination waypoint. TRX displays a highlighted bearing line to the destination at all times. All Trail and Track types user has turned ON appear on the Basemap. No guidance arrows, Child Waypoint pop-ups, or audio guidance is provided, but the distance to the user's destination (as the crow flies) is displayed.

**Child Waypoint:** a waypoint recorded either during an active track, when a user attaches the waypoint to a Trip, Track, or Trail that already exists, or when a user attaches the waypoint to a Trip or Track that they are creating but not actively recording at the time.

**Detail Waypoint:** created by a user by pausing an Active Track, selecting the Detail Waypoint icon, and choosing a waypoint and associated details from the Detail Waypoint menus.

**Dirt Miles:** cumulative amount of miles logged by a user when a Track is saved to the user's account. A user can earn Achievements for driving increasing amounts of Dirt Miles.

**Elevation Profile:** interactive box showing elevation gain/loss on a trail, measured by Start and End elevations (TRX Trailhead only).

**Filter (Search):** used in Search to narrow down Trail, Trip, and POI results in the Basemap (TR7 and TRX Apps).

**Journal:** contains a user's Log and Wish List.

**Log:** stores all of a user's recorded tracks, waypoint data, and uploaded GPX data.

**Mark Waypoint:** button that allows a user to add a Quick Waypoint (tracking in progress) or Detailed Waypoint (tracking paused).

**Marker:** icon associated with a location in the basemap indicating the type of Trail, Track, POI, etc.

**Marker Label:** text pop-up associated with a location in the basemap displaying information about the Trail, Track, or POI.

**Street Route:** a path through a road network(s).

**Orientation:** button that allows a user to toggle between North Up and Track Up views. This button turns blue and can be tapped to restore North Up orientation when a user has panned around the map (TR7 and TRX Apps).

**Place:** another name for a Point of Interest (POI).

**Private Files:** accessible only to their owner(s).

**Public Files:** accessible by any search by visitors to TRX Trailhead.

**Quick Waypoint:** created by a user by selecting the Quick Waypoint icon during an Active Track.

**Road network:** a set(s) of interconnected points and lines that represent possible street routes from one location to another.

**Searched Trails:** trails that appear highlighted in red when a user enters search criteria in TRX Trailhead.

**Social Post:** button available while on an Active Track that allows a user to generate an automatic Tweet to their Twitter account (TR7 and TRX Apps).

**Syncing:** updates content and settings between TRX system components, TRX Apps, TRX devices, and TRX Trailhead to maintain consistency of content and experience across all platforms.

**Terrain Spec:** a list of conditions (4WD, 4LO, Dirt, Mud, Sand, etc.) associated with a Trail or generated by a user to describe a saved Track.

**Track:** a recorded track line saved to a TRX user's Log and which can contain waypoints saved along the Active Track.

A user's personal tracks are saved to the TRX user's Log. Downloaded user tracks are saved to the Wish List.

**Trail:** an off-highway vehicle pathway in the Basemap or other map layer that is published by a verified source that created or legally maintains responsibility for the trail.

**Trail Guidance:** a user's personal Track from their Log or Trail from their Wish List is highlighted. Guidance arrows mark the route ahead of the user's current position. Child waypoints alert the user along the track. Voice notifications alert the user at the end of the track.

**Trail Detail:** a list of coordinates, number of users driven, Drive Miles (length of trail), etc. associated with a trail.

**Trail network(s):** a set(s) of interconnected points and lines that represent possible OHV routes from one location to another.

**Trail Route:** a path through a trail network(s).

**Trip:** an user-generated file that contains one or more Tracks from the user's Log or one or more trails from the user's Wish List.

**TRX Tip:** a short blurb of information found in all TRX documentation intended to help you optimize your user experience of the TRX product family. While a **Note** provides essential information that you should take note of, a **Tip** provides commentary that may help you find easier or more efficient ways of navigating the TRX software.

**Unguided Navigation:** all Trail and Track types that a user has turned ON are displayed on the Basemap. No highlighting, guidance arrows, Child Waypoint pop-ups, or audio guidance is provided. The Current Position marker shows user's position on the Basemap.

**Wish List:** stores all Public items that a user saves for future reference.

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The following are excluded from the warranty coverage:

(a) periodic maintenance and repair or replacement of parts due to normal wear and tear;

(b) batteries;

(c) finishes;

(d) installations or defects resulting from installation;

(e) any damage caused by (i) shipping, misuse, abuse, negligence, tampering, moisture, liquids, proximity or exposure to heat, or improper use; (ii) disasters such as fire, flood, wind, and lightning; (iii) unauthorized attachments or modification;

(f) service performed or attempted by anyone other than an authorized Magellan Service Center;

(g) any product, components or parts not manufactured by Magellan,

(h) that the receiver will be free from any claim for infringement of any patent, trademark, copyright or other proprietary right, including trade secrets

(i) any damage due to accident, resulting from inaccurate satellite transmissions. Inaccurate transmissions can occur due to changes in the position, health or geometry of a satellite or modifications to the receiver that may be required due to any change in the GPS.

(Note: Magellan GPS receivers use GPS or GPS+GLONASS to obtain position, velocity and time information. GPS is operated by the U.S. Government and GLONASS is the Global Navigation Satellite System of the Russian Federation, which are solely responsible for the accuracy and maintenance of their systems. Certain conditions can cause inaccuracies which could require modifications to the receiver. Examples of such conditions include but are not limited to changes in the GPS or GLONASS transmission.).

The opening, dismantling or repairing of this product by anyone other than an authorized Magellan Service Center will void this warranty.

**6. EXCLUSION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES**

(a) MAGELLAN SHALL NOT BE LIABLE TO PURCHASER

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(b) If any part of this limited warranty is held to be invalid or unenforceable, the remainder of the limited warranty shall nonetheless remain in full force and effect.

This limited warranty is governed by the laws of the State of California, without reference to its conflict of law provisions or the U.N. Convention on Contracts for the International Sale of Goods, and shall benefit Magellan, its successors and assigns. This warranty does not affect the consumer's statutory rights under applicable laws in force in their locality, nor the customer's rights against the dealer arising from their sales/purchase contract.

For further information concerning this limited warranty, please visit Magellan's website at **magellangps.com** or contact:

MiTAC Digital Corp. 279 E Arrow Hwy, San Dimas, CA 91773, USA

USA & Canada: 800-707-9971

Mexico: 866-310-7223

## Need Technical Support?

To get technical support for your Magellan TRX product, go to **trxsupport.magellangps.com** for troubleshooting, tutorials, and more.

If you can't find a solution there, contact Magellan Technical Support directly by e-mail at **trxsupport@magellangps.com** or call 877-255-4161.

Connect with us
**@MagellanTRX**

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